

© EPODOC / EPO

PN - CN1333454 A 20020130
 TI - Optical cable ~~real time~~ monitoring system
 AB - The optical cable ~~real time~~ monitoring system is characterized by that optical coupler and optical sample, etc are used to sample optical signal of every optical fibre, then tests its optical power and transfers the tested result of every optical fibre into the front-end control to make calculation, analysis and processing, and can display calculated result, according to the processing result in can control optical ~~switch~~ to make ~~switchover~~, then uses the wavelength division multiplexer to move faulty optical fibre connect into optical ~~time-domain~~ reflectometer (OTDR) to make test. Said invention utilizes a set of OTDR to monitor several optical fibres, and uses front-end controller to implementing circulating control, so that it not only can implement ~~real time~~ monitoring of multiple optical fibre, but also it is stable, safe, reliable, small in volume, low in cost and convenient for installation.

PA - WUHAN INST OF POST AND TELECOM (CN)
 IN* - HUANG LONGBO (CN)
 AP - CN20000114694 20000712
 PR - CN20000114694 20000712
 DT - I

© WPI / DERWENT

AN - 2002-340723 [38]
 TI - Optical cable ~~real time~~ monitoring system
 AB - CN1333454 NOVELTY - The optical cable ~~real time~~ monitoring system is characterized by that optical coupler and optical sample, etc are used to sample optical signal of every optical fibre, then tests its optical power and transfers the tested result of every optical fibre into the front-end control to make calculation, analysis and processing, and can display calculated result, according to the processing result in can control optical ~~switch~~ to make ~~switchover~~, then uses the wavelength division multiplexer to move faulty optical fibre connect into optical ~~time-domain~~ reflectometer (OTDR) to make test. Said invention utilizes a set of OTDR to monitor several optical fibres, and uses front-end controller to implementing circulating control, so that it not only can implement ~~real time~~ monitoring of multiple optical fibre, but also it is stable, safe, reliable, small in volume, low in cost and convenient for installation.

- (Dwg.0/0)
 IW - OPTICAL CABLE ~~REAL TIME~~ MONITOR SYSTEM
 PN - CN1333454 A 20020130 DW200238 G01J1/16 000pp
 IC - G01J1/16 ;G01R31/08 ;H04B10/08
 MC - S01-G05 S03-A01A S03-E04C W02-C04C1
 DC - S01 S03 W02
 PA - (WUHA-N) WUHAN POST & TELECOM INST SCI MIN
 IN - HUANG L
 AP - CN20000114694 20000712
 PR - CN20000114694 20000712

BEST AVAILABLE COPY